

# Rendering and Meat Byproduct Processing: 2002

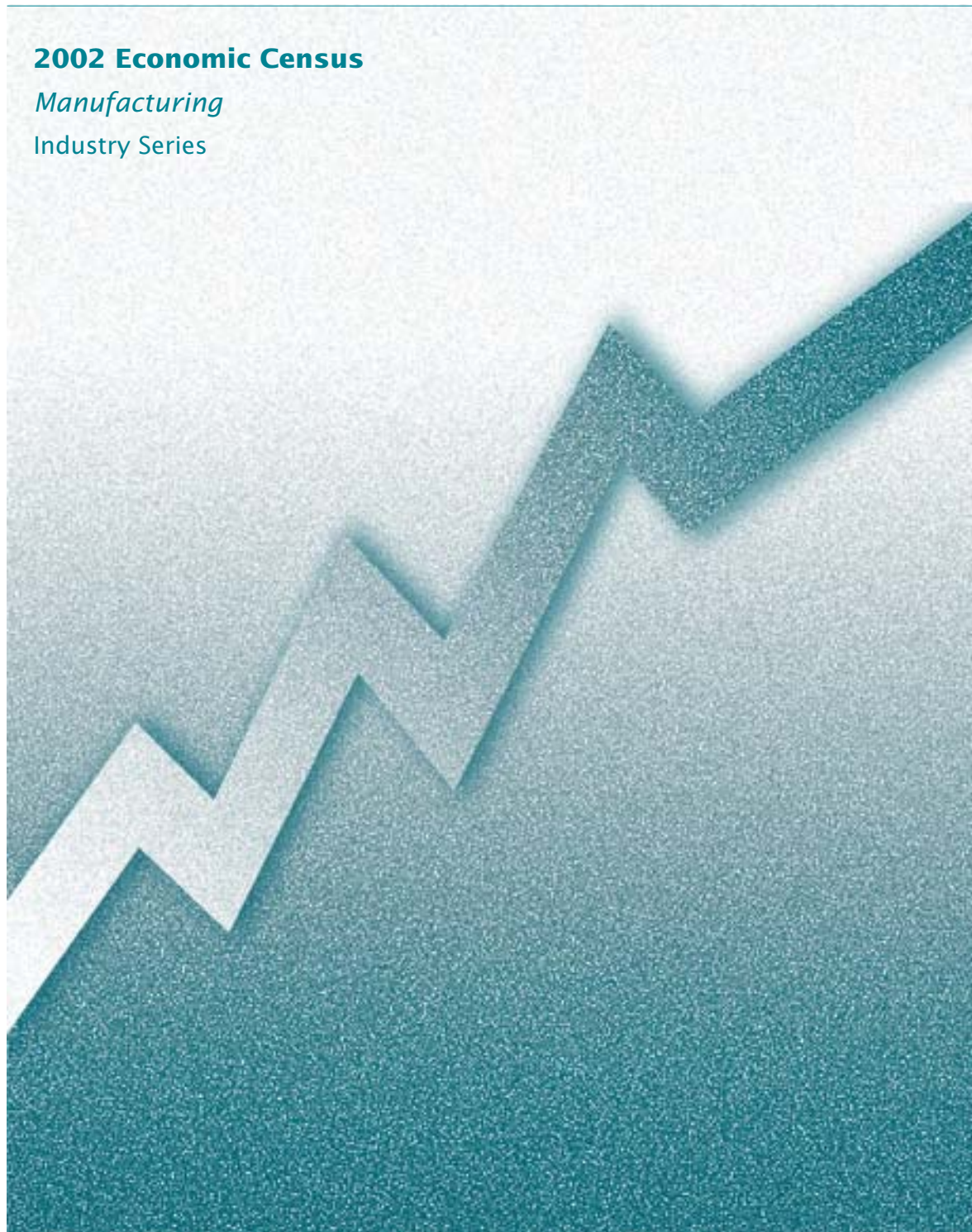
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## 2002 Economic Census

*Manufacturing*

Industry Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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-- Not applicable for this report.

# Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
311613, Rendering and meat byproduct processing.....	2002.. 122	231	9 093	308 057	4 997	10 524	153 091	1 193 018	999 089	2 176 304	64 642
	2001.. N	N	10 865	345 748	6 734	14 026	179 784	1 178 710	1 054 190	2 252 485	95 569
	2000.. N	N	10 061	315 363	5 746	12 358	153 973	1 088 345	1 034 672	2 123 684	125 136
	1999.. N	N	9 017	292 497	4 949	10 943	140 397	981 104	925 293	1 906 659	127 852
	1998.. N	N	8 704	273 286	5 120	10 008	145 617	1 166 516	1 124 906	2 285 306	103 655
	1997.. 137	239	8 798	268 952	5 033	10 572	128 710	1 254 647	1 311 993	2 556 547	114 353

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
<b>311613, Rendering and meat byproduct processing</b>												
United States .....	2	231	135	9 093	308 057	4 997	10 524	153 091	1 193 018	999 089	2 176 304	'64 642
Alabama .....	5	8	5	223	7 316	128	295	3 857	33 330	75 228	108 545	'1 368
California .....	3	23	16	1 044	36 532	488	965	15 434	114 879	106 591	217 532	'7 124
Georgia .....	4	11	8	440	15 244	234	519	7 198	60 864	52 137	112 926	'2 613
Illinois .....	6	13	8	607	19 782	380	810	11 887	60 390	58 785	119 271	'3 856
Indiana .....	4	8	4	275	9 210	144	264	5 062	33 341	19 359	52 976	'1 019
Iowa .....	—	9	6	405	14 255	310	596	9 913	71 968	49 335	114 479	'6 543
Louisiana .....	8	3	2	112	2 503	62	137	1 240	26 610	6 668	34 514	'663
Minnesota .....	1	13	8	449	16 286	346	755	11 452	53 274	49 382	102 227	'5 802
Mississippi .....	1	5	4	435	15 073	201	436	5 420	59 002	18 755	78 363	'2 970
Nebraska .....	4	14	7	345	10 331	254	531	7 204	41 322	68 314	109 107	'1 289
North Carolina .....	—	10	8	614	22 172	265	596	7 918	92 385	51 264	143 889	'4 323
Ohio .....	3	6	2	165	6 394	90	177	3 080	17 496	10 335	27 810	'2 211
Pennsylvania .....	1	10	5	368	12 141	152	333	5 095	49 696	43 892	87 952	'1 039
Tennessee .....	—	5	2	124	4 714	51	104	1 684	39 988	26 736	68 148	'1 527
Texas .....	—	16	9	683	21 200	470	820	13 992	76 561	55 403	131 707	'4 072

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>311613, Rendering and meat byproduct processing</b>	
Companies <sup>1</sup> .....	number.. 122
All establishments <sup>2</sup> .....	number.. 231
Establishments with 1 to 19 employees .....	number.. 96
Establishments with 20 to 99 employees .....	number.. 118
Establishments with 100 employees or more .....	number.. 17
All employees <sup>3</sup> .....	number.. 9 093
Total compensation .....	\$1,000.. 388 254
Annual payroll .....	\$1,000.. 308 057
Total fringe benefits .....	\$1,000.. 80 197
Production workers, average for year .....	number.. 4 997
Production workers on March 12 .....	number.. 4 990
Production workers on May 12 .....	number.. 5 025
Production workers on August 12 .....	number.. 4 955
Production workers on November 12 .....	number.. 4 985
Production worker hours .....	1,000.. 10 524
Production worker wages .....	\$1,000.. 153 091
Total cost of materials .....	\$1,000.. 999 089
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 727 497
Resales .....	\$1,000.. 104 880
Purchased fuels .....	\$1,000.. 119 123
Purchased electricity .....	\$1,000.. 45 401
Contract work .....	\$1,000.. 2 188
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 797 029
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. 208
Total value of shipments .....	\$1,000.. 2 176 304
Primary products value of shipments .....	\$1,000.. 1 968 329
Secondary products value of shipments .....	\$1,000.. 37 147
Total miscellaneous receipts .....	\$1,000.. 170 828
Value of resales .....	\$1,000.. 118 492
Contract receipts .....	\$1,000.. D
Other miscellaneous receipts .....	\$1,000.. D
Primary products specialization ratio .....	percent.. 98
Value of primary products shipments made in all industries .....	\$1,000.. 2 817 919
Value of primary products shipments made in this industry .....	\$1,000.. 1 968 329
Value of primary products shipments made in other industries .....	\$1,000.. 849 590
Coverage ratio .....	percent.. 70
Value added .....	\$1,000.. 1 193 018
Total inventories, beginning of year .....	\$1,000.. 90 309
Finished goods inventories .....	\$1,000.. 69 596
Work-in-process inventories .....	\$1,000.. 6 594
Materials and supplies inventories .....	\$1,000.. 14 119
Total inventories, end of year .....	\$1,000.. 102 830
Finished goods inventories .....	\$1,000.. 87 403
Work-in-process inventories .....	\$1,000.. 4 590
Materials and supplies inventories .....	\$1,000.. 10 837
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. <sup>1</sup> 351 239
Total capital expenditures (new and used) .....	\$1,000.. <sup>64</sup> 642
Buildings and other structures (new and used) .....	\$1,000.. <sup>6</sup> 616
Machinery and equipment (new and used) .....	\$1,000.. <sup>58</sup> 026
Automobiles, trucks, etc., for highway use .....	\$1,000.. <sup>11</sup> 444
Computers and peripheral data processing equipment .....	\$1,000.. <sup>1</sup> 531
All other expenditures for machinery and equipment .....	\$1,000.. <sup>45</sup> 051
Total retirements .....	\$1,000.. <sup>34</sup> 031
Gross value of depreciable assets at end of year .....	\$1,000.. <sup>1</sup> 381 850
Depreciation charges during year .....	\$1,000.. <sup>84</sup> 841
Total rental payments .....	\$1,000.. 17 566
Buildings and other structures .....	\$1,000.. 6 208
Machinery and equipment .....	\$1,000.. 11 358
Total other expenses <sup>4</sup> .....	\$1,000.. 434 626
Response coverage ratio <sup>5</sup> .....	percent.. 85
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 54 943
Communications services <sup>4</sup> .....	\$1,000.. 3 211
Legal services <sup>4</sup> .....	\$1,000.. 1 675
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 217
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 1 102
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 708
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 16 620
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 6 641
Taxes and license fees <sup>4</sup> .....	\$1,000.. 11 149
All other expenses <sup>4</sup> .....	\$1,000.. 338 360

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
311613, Rendering and meat byproduct processing											
All establishments .....	2	231	9 093	308 057	4 997	10 524	153 091	1 193 018	999 089	2 176 304	'64 642
Establishments with—											
1 to 4 employees .....	4	30	68	2 196	40	76	1 176	8 342	16 134	24 247	'217
5 to 9 employees .....	3	25	170	5 633	104	215	3 165	20 463	42 041	61 215	'699
10 to 19 employees .....	3	41	579	19 582	365	782	11 304	119 315	110 146	230 241	'2 779
20 to 49 employees .....	2	72	2 426	81 960	1 425	2 954	45 651	335 810	314 890	642 711	'17 507
50 to 99 employees .....	2	46	3 100	109 251	1 623	3 567	50 753	412 153	293 397	698 051	'27 089
100 to 249 employees .....	1	13	1 560	53 722	632	1 410	19 100	202 589	91 381	294 092	'10 756
250 to 499 employees .....	2	4	1 190	35 713	808	1 520	21 942	94 346	131 100	225 747	'5 595
500 to 999 employees .....	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	44	255	8 449	136	284	4 393	24 100	28 223	52 294	'984

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
311613	Rendering and meat byproduct processing.....	231	9 093	308 057	4 997	10 524	153 091	1 193 018	999 089	2 176 304	'64 642
3116131	Lard and other greases, except wool grease .....	79	3 610	127 605	1 797	3 762	58 317	446 475	266 258	708 287	'28 779
3116135	Animal and marine feed and fertilizer byproducts .....	106	5 121	169 224	2 992	6 304	88 668	716 963	698 373	1 403 936	'34 714

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311613	Rendering and meat byproduct processing .....	2002.. N 1997.. N	X X	X X	2 817 919 3 820 977
3116131	Lard and other greases, except wool grease .....	2002.. N 1997.. N	X X	X X	893 772 1 207 143
31161311	Rendering and meat by-product processing .....	2002.. N 1997.. N	X X	X X	885 847 1 139 823
3116131111	Rendered lard, except canned, not made in meat packing plants <sup>1</sup> .....	mil lb. 2002.. 54 1997.. 73	S S	S S	531 977 821 136
3116131121	Animal and marine grease, other than wool grease <sup>1</sup> .....	mil lb. 2002.. 41 1997.. 48	S S	S S	353 870 318 687
3116131Y	Lard and other greases, except wool grease, nsk .....	2002.. N 1997.. N	X X	X X	7 925 67 320
3116131YVV	Lard and other greases, except wool grease, nsk .....	2002.. N 1997.. N	X X	X X	7 925 67 320
3116135	Animal and marine feed and fertilizer byproducts .....	2002.. N 1997.. N	X X	X X	1 873 116 N
31161351	Meat and bone meal .....	2002.. N 1997.. N	X X	X X	653 663 N
3116135111	Meat and bone meal <sup>1</sup> .....	mil lb. 2002.. 66 1997.. N	S N	S N	653 663 N
31161352	Animal and marine feed and fertilizer byproducts, except meat and bone meal .....	2002.. N 1997.. N	X X	X X	1 052 254 N
3116135221	Dry rendered tankage <sup>1</sup> .....	mil lb. 2002.. 16 1997.. N	1 215.6 N	P1 180.8 N	117 369 N
3116135243	Other feed and fertilizer by-products <sup>1</sup> .....	mil lb. 2002.. 57 1997.. N	S N	S N	886 716 N
3116135251	Animal oil mill products, including all other animal oils, except fatty acids .....	mil lb. 2002.. 6 1997.. N	X X	209.3 N	30 247 N
3116135261	Foots, animal oil and acidulated soap stock .....	mil lb. 2002.. 5 1997.. N	X X	X X	12 817 N
3116135271	Foots, vegetable oil .....	2002.. 3 1997.. N	X X	X X	5 105 N
3116135Y	Animal and marine feed and fertilizer byproducts, nsk .....	2002.. N 1997.. N	X X	X X	167 199 N
3116135YVV	Animal and marine feed and fertilizer byproducts, nsk .....	2002.. N 1997.. N	X X	X X	167 199 N
311613W	Rendering and meat byproduct processing, nsk, total .....	2002.. N 1997.. N	X X	X X	51 031 223 901
311613WY	Rendering and meat byproduct processing, nsk, total .....	2002.. N 1997.. N	X X	X X	51 031 223 901
311613WYWW	Rendering and meat byproduct processing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	38 933 204 130
311613WYWY	Rendering and meat byproduct processing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	12 098 19 771

<sup>1</sup>For additional detail, see Current Industrial Report M311K, Fats and Oils: Production, Consumption, and Stocks.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



**Table 6b. Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3116131	Lard and other greases, except wool grease	
	United States .....	893 772
	..... 2002 ..	1 207 143
	..... 1997 ..	
	California .....	70 670
	..... 2002 ..	77 535
	..... 1997 ..	
	Georgia .....	14 011
	..... 2002 ..	25 941
	..... 1997 ..	
	Illinois .....	37 163
	..... 2002 ..	61 167
	..... 1997 ..	
	Indiana .....	19 271
	..... 2002 ..	35 195
	..... 1997 ..	
	Iowa .....	60 683
	..... 2002 ..	78 129
	..... 1997 ..	
	Minnesota .....	22 814
	..... 2002 ..	49 460
	..... 1997 ..	
	Mississippi .....	18 586
	..... 2002 ..	14 183
	..... 1997 ..	
	Nebraska .....	115 985
	..... 2002 ..	108 348
	..... 1997 ..	
	Ohio .....	11 958
	..... 2002 ..	28 149
	..... 1997 ..	
	Pennsylvania .....	38 004
	..... 2002 ..	30 295
	..... 1997 ..	
	Texas .....	76 905
	..... 2002 ..	114 073
	..... 1997 ..	
3116135	Animal and marine feed and fertilizer byproducts	
	United States .....	1 873 116
	..... 2002 ..	N
	..... 1997 ..	
	Alabama .....	90 899
	..... 2002 ..	N
	..... 1997 ..	
	California .....	80 423
	..... 2002 ..	N
	..... 1997 ..	
	Georgia .....	158 975
	..... 2002 ..	N
	..... 1997 ..	
	Illinois .....	103 862
	..... 2002 ..	N
	..... 1997 ..	
	Indiana .....	52 839
	..... 2002 ..	N
	..... 1997 ..	
	Iowa .....	143 239
	..... 2002 ..	N
	..... 1997 ..	
	Louisiana .....	26 900
	..... 2002 ..	N
	..... 1997 ..	
	Minnesota .....	67 358
	..... 2002 ..	N
	..... 1997 ..	
	Mississippi .....	59 816
	..... 2002 ..	N
	..... 1997 ..	
	Nebraska .....	142 794
	..... 2002 ..	N
	..... 1997 ..	
	North Carolina .....	121 169
	..... 2002 ..	N
	..... 1997 ..	
	Ohio .....	10 800
	..... 2002 ..	N
	..... 1997 ..	
	Pennsylvania .....	59 893
	..... 2002 ..	N
	..... 1997 ..	
	Tennessee .....	59 838
	..... 2002 ..	N
	..... 1997 ..	
	Texas .....	128 623
	..... 2002 ..	N
	..... 1997 ..	

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. **Materials Consumed by Kind: 2002 and 1997**

[Not applicable for this report]